

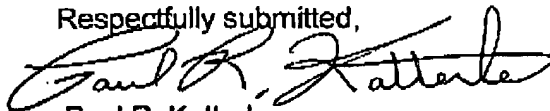
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**ABB Inc.**29801 Euclid Avenue  
Wickliffe, OH 44092 USA**Fax****Attention: USPTO, Art Unit 2129****From: Paul R. Katterle****Examiner Wilbert L. Starks****Fax number: 571-273-8300****Fax number: 440-585-7578****No. pages incl. this cover sheet: 7****Telephone number: 440-585-7968****Date: July 12, 2006****MESSAGE:****Re: U.S. Patent Application Serial No. 10/675,727****Entitled: MODEL-CENTRIC METHOD AND APPARATUS FOR DYNAMIC  
SIMULATION, ESTIMATION AND OPTIMIZATION**

Attached, please find an Amendment "A" (5 pages) for the subject application, along with a copy of the first page thereof (1 page) for the fee payment from our deposit account.

Respectfully submitted,

  
Paul R. Katterle

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office at (571) 273-8300 on the date indicated below.

  
Signature of Person Making Facsimile TransmissionJuly 12, 2006  
DatePaul R. Katterle  
Printed Name of Person

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PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ramasamy Selvaraj et al.  
Assignee: ABB Inc.  
Serial No.: 10/675,727 Art Unit: 2129  
Filed: September 30, 2003 Confirmation No.: 7787  
Title: MODEL-CENTRIC METHOD AND APPARATUS FOR DYNAMIC  
SIMULATION, ESTIMATION AND OPTIMIZATION  
Examiner: Wilbert L. Starks Docket No.: E20020400

**AMENDMENT "A" UNDER RULE 111**  
**AND PETITION FOR EXTENSION OF TIME**  
(In Response to 01/12/2006 Office action)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

This Amendment is filed in response to the Office action dated January 12, 2006. The three month shortened statutory period for responding to the Office action expired on April 12, 2006. Accordingly, Applicant hereby requests and petitions that the period for response be extended for three months to July 12, 2006. Please charge the \$1020 fee for the three-month extension of time to our Deposit Account No. 050877.

- Amendments to the Claims begin on page 2 of this paper.
- Remarks/Arguments begin on page 4 of this paper.

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July 12, 2006  
Date

Paul R. Katterle  
Name

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